

OPERATING SYSTEM DATA COMMUNICATION METHOD AND SYSTEM

ABSTRACT

In a computer system having different memory address spaces, for example, user space and kernel space, a method and system is provided for communicating data. A data structure is defined in the kernel space to store data. The data structure is virtually mapped to an application in user space such that the application can access the data structure through virtual memory addresses. By directly accessing the data structure, data transfers between the address spaces using system calls and/or interrupts can be reduced.